

**Argo Smelter RI/FS Support Project
February 5, 2004 Meeting Minutes**

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Time: 9:00 a.m. to 10:30 a.m.

Place: SRC Conference Room

Attendees:

Victor Ketellapper, USEPA, Region 8
Pat Courtney, USEPA, Region 8
Wendy O'Brien, USEPA, Region 8
Barbara O'Grady, CDPHE
Bill Brattin, SRC
Jennifer Walter, SRC
Paul Bergstrom, Knight Piésold
Cory Conrad, Knight Piésold
Bob Reisinger, Knight Piésold

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The meeting focused on the results of field sampling conducted during December 2003 as detailed below:

Field Sampling Program and Analytical Results

The field sampling effort was able to include all but one of the sample locations. The subsurface horizon generally consisted of fill, alluvium and bedrock.

Knight Piésold reviewed analytical results of soil samples received from STL Laboratories. A cursory review of the results suggests that there are no data quality issues. Knight Piésold provided a preliminary table that showed soil concentrations greater than thresholds presented in Table B-3 of the Quality Assurance Project Plan and Sampling and Analysis Plan. A hot spot (elevated arsenic, lead and zinc concentrations) was identified in soil bore hole 07, which is within the footprint of the former Smelter House #2, ore bin area. It appears that this hot spot is somewhat localized based on the analytical results of adjacent bore hole samples.

The results of the sampling indicate that the site is underlain with weathered bed rock (claystone) of the Denver Formation, which explains the absence of shallow groundwater with the exception of two sample locations. The results of groundwater sampling at these locations are expected from EPA this week and will be reviewed. Also, SRC will check on any available groundwater information from the Asarco Globe Site that may be useful in determining whether there could be off-site migration of groundwater. Finally, if the groundwater samples collected during the field sampling show elevated metals, additional field sampling may be necessary to confirm that such contamination is not migrating off-site. This sampling would consist of completing temporary downgradient wells this spring, possibly at sample location 37 and the Best Western property. The exact placement of wells will require confirming the alluvial groundwater gradient.

There was preliminary discussion on potential risk management. At the adjacent Asarco Globe Site, which is commercial/industrial, a concrete/asphalt cap is considered to be a barrier to exposure. The methods (institutional controls) by which future development

would be informed of any identified hazards were discussed, including environmental covenants and deed restrictions.

Cory Conrad presented several photos taken during the field sampling effort.

Schedule

Knight Piésold is working on the field sampling report. The report will include sample results in electronic format, access agreements, utility clearances, and photos. The report is planned for completion by February 13 given the timely receipt of groundwater sample results from EPA.

Other Items

EPA is completing contract modifications for SRC and Knight Piésold. The SRC modification should already be signed.

The extent of the feasibility study is anticipated to be less than originally outlined; however, additional assistance from Knight Piésold will be required to address the geology aspect of the remedial investigation.

Next Meeting

The next meeting will be set up in the future as required.